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NOTICE OF ALLOWANCE AND FEE(S) DUE

51921

7590

11/04/2008

MARK D. SARALINO (PAN)
RENNER, OTTO, BOISSELLE & SKLAR, LLP
1621 EUCLID AVENUE
19TH FLOOR
CLEVELAND, OH 44115

EXAMINER

DANG, HUNG Q

ART UNIT

PAPER NUMBER

2621

DATE MAILED: 11/04/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/539,244	06/16/2005	Mutsuyuki Okayama	OKUPD0117US	9244

TITLE OF INVENTION: DATA STREAM FORMAT CONVERSION METHOD AND RECORDING METHOD FOR THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	02/04/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE** OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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51921 7590 11/04/2008

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/539,244 06/16/2005 Mutsuyuki Okayama OKUDP0117US 9244

TITLE OF INVENTION: DATA STREAM FORMAT CONVERSION METHOD AND RECORDING METHOD FOR THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	02/04/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
DANG, HUNG Q	2621	386-046000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/539,244	06/16/2005	Mutsuyuki Okayama	OKUDP0117US	9244
51921	7590	11/04/2008	EXAMINER	
MARK D. SARALINO (PAN) RENNER, OTTO, BOISSELLE & SKLAR, LLP 1621 EUCLID AVENUE 19TH FLOOR CLEVELAND, OH 44115			DANG, HUNG Q	
			ART UNIT	PAPER NUMBER
			2621	
DATE MAILED: 11/04/2008				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 811 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 811 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability**Application No.**

10/539,244

Applicant(s)

OKAYAMA ET AL.

Examiner

Hung Q. Dang

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed 06/16/2005.
2. ☒ The allowed claim(s) is/are 3-11, 14-20 and 29.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Thai Tran/
Supervisory Patent Examiner, Art Unit 2621

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Mark Saralino on 10/22/2008.

The application has been amended as follows:

Claims 1-2, 12-13, 21-28, and 30 have been cancelled.

Regarding claim 3: line 1, add - A method for converting a data stream in a first format into a data stream in a second format,

wherein each said data stream includes data packs in which video data and audio data are stored and a control pack for use in a playback control of the data stream,

wherein in the data stream in the first format, address information, which represents addresses of the data packs and which is not required while the data stream is played back, is present and associated with the data stream, and

wherein in the data stream in the second format, address information, which represents addresses of the data packs and which is required while the data stream is played back, is stored in the control pack,

the method comprising the steps of:

acquiring the data stream in the first format and the associated address information thereof;

generating a second control pack in the second format from a first control pack in the first format, the second control pack storing the address information acquired; and

replacing the first control pack with the second control pack, thereby generating the data stream in the second format from the data stream in the first format,

wherein the data stream in the first format is an arrangement of multiple data units, each of the data units including a plurality of data packs and the first control pack, and

wherein the method further comprises the steps of:

locating an extension field, which is included only in a first one of the data packs, in each of second and following data units;

replacing data of the located extension field with predetermined stuffing data;- before "The".

Regarding claim 3, lines 1-2, "The format conversion method of claim 2, further comprising the steps of:" has been deleted.

Regarding claim 4, line 1, add - A method for converting a data stream in a first format into a data stream in a second format,

wherein each said data stream includes data packs in which video data and audio data are stored and a control pack for use in a playback control of the data stream,

wherein in the data stream in the first format, address information, which represents addresses of the data packs and which is not required while the data stream is played back, is present and associated with the data stream, and

wherein in the data stream in the second format, address information, which represents addresses of the data packs and which is required while the data stream is played back, is stored in the control pack,

the method comprising the steps of:

acquiring the data stream in the first format and the associated address information thereof;

generating a second control pack in the second format from a first control pack in the first format, the second control pack storing the address information acquired; and

replacing the first control pack with the second control pack, thereby generating the data stream in the second format from the data stream in the first format,- before "The".

Regarding claim 4, line 1, "The format conversion method of claim 1," has been deleted.

Regarding claim 5, line 1, add -3- after "claim".

Regarding claim 5, line 1, "1" has been deleted.

Regarding claim 6, line 1, add -3- after "claim".

Regarding claim 6, line 1, "1" has been deleted.

Regarding claim 8, line 1, add -3- after "claim".

Regarding claim 8, line 1, "1" has been deleted.

Regarding claim 9, line 1, add -3- after "claim".

Regarding claim 9, line 1, "1" has been deleted.

Regarding claim 10, line 1, add -3- after "claim".

Regarding claim 10, line 1, "2" has been deleted.

Regarding claim 11, line 25, "." has been deleted.

Regarding claim 11, line 25, add -, after "format".

Regarding claim 11, line 26, add - wherein the data stream in the first format is an arrangement of multiple data units, each of the data units including a plurality of data packs and the first control pack, and

wherein the apparatus further comprises:

a decision section for locating an extension field, which is included only in a first one of the data packs, in each of the second and following data units; and

a converting section for replacing data of the located extension field with predetermined stuffing data, and

wherein the decision section detects a data length of a stuffing field, which is arranged after the extension field and in which the stuffing data is stored in advance, and determines whether or not the data length detected is a reference length or less, and wherein if the data length is the reference length or less, the decision section instructs the converting section to make the replacement.-

Regarding claim 20, line 1, add -11- after "claim".

Regarding claim 20, line 1, "12" has been deleted.

Regarding claim 29, lines 1-2, "product of a data stream conversion program, the program being executable" has been deleted.

Regarding claim 29, lines 2-3, "to be" has been deleted.

Regarding claim 29, line 1, add - computer-readable medium having stored thereon a - after "A".

Regarding claim 29, line 3, add - is - before "used".

Regarding claim 29, line 26, add -, - after "format".

Regarding claim 29, line 26, "." has been deleted.

Regarding claim 29, line 27, add - wherein the data stream in the first format is an arrangement of multiple data units, each of the data units including a plurality of data packs and the first control pack, and

wherein the processing further comprises the steps of:

locating an extension field, which is included only in a first one of the data packs, in each of second and following data units;

replacing data of the located extension field with predetermined stuffing data;

detecting a data length of a stuffing field, which is arranged after the extension field and in which the stuffing data is stored in advance; and

determining whether or not the data length detected is a reference length or less,

wherein the step of replacing is carried out if the data length is the reference length or less.-

The following is an examiner's statement of reasons for allowance:

Claim 3 recites, "detecting a data length of a stuffing field, which is arranged after the extension field and in which the stuffing data is stored in advance; and determining whether or not the data length detected is a reference length or less, wherein the step of replacing is carried out if the data length is the reference length or less," which is a unique feature not disclosed by prior art. Thus, claim 3 is allowed.

Claim 4 is allowed for the same reason as discussed in claim 3 above.

Claims 5-10 are allowed because they depend either directly or indirectly on independent claim 3.

Claim 11 is allowed for the same reason as discussed in claim 3 above.

Claims 14-20 are allowed because they depend either directly or indirectly on independent claim 11 above.

Claim 29 is allowed for the same reason as discussed in claim 3 above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Q. Dang whose telephone number is (571)270-1116. The examiner can normally be reached on IFT.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, THAI Q. TRAN can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Hung Q Dang/
Examiner, Art Unit 2621

/Thai Tran/
Supervisory Patent Examiner, Art Unit 2621